INDEX VOL. XXIII, 1911

Accipiter cooperi, 36, 93.
velox, 36, 93, 124.
Actitis macularia, 25, 91.
Ægialitis meloda, 92.
semipalmata, 92.
Agelaius phœniceus phœniceus, 27, 99.
Aix sponsa, 25, 88, 130.
Anas platyrhynchos, 25, 35, 87.
rubripes, 27.
Anthus rubescens, 39, 109.
Astrostomus vociferus vociferus, 27, 97.
Ardea herodias herodias, 25, 41, 89.
Archilochus colubris, 27, 97.
Ardetta exilis, 46.
Arenaria interpres morinella, 92.
Asio accipitrinus, 45.
flammeus, 95.
wilsonianus, 95.
Astragalinus tristis tristis, 27, 38, 100.
Aythya collaris, 46.

Bæolophus bicolor, 26, 40.
Baldpate, 31, 61.
Bittern, 13, 19, 25, 32, 89, 120.
Least, 33, 46, 51.
Blackbird, Red-winged, 8, 17, 18, 22, 27, 29, 31, 61, 99, 120.
Rusty, 31, 38, 42, 99,
Yellow-headed, 50.
Bluebird, 11, 13, 18, 21, 26, 29, 31, 40, 42, 112, 122.
Bob-white, 21, 22, 25, 36, 41, 50.
Bobolink, 8, 27, 33, 54, 81, 99.
Bombycilla cedrorum, 39, 104.
garrula, 60.
Bonasa umbellus, 51.
togata, 123.
Botaurus lentiginosus, 25, 89.
Branta canadensis canadensis, 88.
Bubo virginianus virginianus, 37, 95.
Bufflehead, 31, 88.
Bunting, Henslow's, 54.
Indigo, 8, 18, 22, 25, 33, 51, 104.
Buteo borealis borealis, 25, 36, 93.
lineatus lineatus, 36.
platypterus, 25.
platypterus, cubanensis, antillarum, rivierei, insulicola, (Monograph) 143-320.
Butorides virescens, 25.

Calcarius lapponicus lapponicus, 100.
Calidris leucophæa, 90.
Cardinal, 18, 21, 22, 23, 26, 35, 39, 42, 50.
Cardinalis cardinalis cardinalis, 26, 39.
Carpodacus purpureus purpureus, 100.
Catbird, 18, 21, 23, 26, 30, 33, 40, 42, 80, 110, 124.
Catharista uruba, 36.
Cathartes aura, 36.
Centurus carolinus, 27, 37.
Cedar-bird, 42.
Certhia familiaris americana, 110.
Ceryle alcyon, 27, 37, 96.
Chætura pelagica, 27, 97.
Charadrius dominicus, 92.
Charitonetta albeola, 88.
Chat, Yellow-breasted, 50.
Chickadee, 80, 111, 124.
Carolina, 13, 18, 21, 26, 40, 42.
Chondestes grammacus, 27.
Chordeiles virginianus virginianus, 27, 37, 97.
Circus hudsonius, 25, 44, 93.
Cistothorus stellaris, 26, 110, 120.
Clangula clangula americana, 88.

Coccyzus americanus americanus, 27, 95.
erythrophthalmus, 27, 96.
Colaptes auratus auratus, 37, 134.
luteus, 27, 96.
Colinus virginianus virginianus, 25, 36.
Colymbus auritus, 85, 133.
griseigenus, 125.
Compsothlypis americana usneæ, 105.
Coot, American, 13, 25, 32, 76, 77.
Cormorant, Double-crested, 9, 11, 19, 25, 45, 86.
Corvus brachyrhinchos brachyrhinchos, 27, 38, 99.
Cowbird, 18, 22, 27, 31, 38, 41, 42, 51, 59, 99.
Creeper, Brown, 110.
Crow, 18, 21, 22, 27, 31, 38, 42, 80, 99.
Crossbill, 100.
Red, 62.
Cuckoo, Black-billed, 19, 27, 34, 80, 96.
Yellow-billed, 19, 21, 22, 23, 27, 34, 80, 95.
Cyanocitta cristata cristata, 27, 38, 98.

Dafila acuta, 88.
Dendroica æstiva æstiva, 106.
cærulescens cærulescens, 106, 123.
castanea, 106.
coronata, 39, 106, 124.
discolor, 108.
fusca, 107.
magnolia, 106.
palmarum palmarum, 107.
hypochrisea, 121.
pensylvanica, 106.
striata, 107.
tigrina, 105.
vigorsii, 39.
virens, 107.
Dickcissel, 26, 30, 50.
Dolichonyx oryzivorus, 27, 99.
Dove, Mourning, 19, 21, 22, 25, 29, 31, 36, 41, 51, 93.
Dryobates borealis, 37.
pubescens medianus, 27, 96.
pubescens, 37.
villosus auduboni, 37.
leucomelas, 96.
villosus, 27.
Duck, Black, 32, 80, 87.
Canvas-back, 29, 31, 88, 130.
Lesser Scaup, 9, 11, 25, 31, 61, 88.
Red-head, 31.
Ring-necked, 46.
Ruddy, 32.
Scaup, 88.
Wood, 9, 11, 25, 62, 88, 130.
Dumetella carolinensis, 26, 40, 110.

Eagle, Bald, 80, 93.
Egret, Snowy, 59.
Egretta candidissima, 59.
Empidonax flaviventris, 97, 123.
minimus, 98.
traillii alnorum, 98, 122.
Ereunetes pusillus, 25, 90.
Euphagus carolinus, 38, 99.
Falco columbarius columbarius, 94.
peregrinus, 125.
anatum, 94.
rusticolus, 58.
sparverius sparverius, 25, 36, 95.
Finch, Purple, 32, 80, 100, 123.
Flicker, 37, 42, 63, 124, 134.
Northern, 18, 21, 22, 23, 27, 31, 80, 96, 123.
Flycatcher, Alder, 98, 122.
Crested, 17, 19, 21, 22, 27, 33, 80, 97, 122, 123.
Least, 30, 33, 80, 98.
Olive-sided, 97, 122.
Yellow-bellied, 97, 122, 123.
Fulica americana, 25.
Gallinago delicata, 25, 89.
Gallinule, Florida, 76.
Gavia immer, 40, 85.
Geothlypis trichas trichas, 26.
Gnatcatcher, Blue-gray, 18, 26, 32, 51.
Golden-eye, 29, 31, 88.
Goldfinch, 18, 21, 22, 27, 38, 42, 51, 80, 100, 122.

(INDEX)

Goose, Canada, 29, 31, 88.
Grackle, Bronzed, 8, 11, 12, 18, 21, 22, 27, 29, 31, 99, 120.
Grebe, Horned, 32, 85, 133.
Pied-billed, 9, 11, 25, 32, 35, 41, 49, 61, 85.
Grosbeak, Evening, 60, 62, 100.
Pine, 52, 100.
Rose-breasted, 18, 22, 23, 25, 33, 50, 123.
Grouse, Canada, 123.
Ruffed, 51, 55.
Gull, Bonaparte's, 33, 45, 61, 86, 130.
Herring, 31, 80, 85.
Ring-billed, 86, 130.

Haliæetus leucocephalus leucocephalus, 93.
Harelda hyemalis, 88.
Hawk, Broad-winged, 21, 25, 51; 143-320 (Monograph).
Cooper's, 32, 36, 41, 51, 93.
Duck, 81, 94.
Marsh, 19, 25, 29, 31, 44, 51 93, 124.
Pigeon, 81, 94.
Red-shouldered, 32, 36, 41, 51.
Red-tailed, 22, 25, 31, 36, 41, 51, 93.
Sharp-shinned, 30, 33, 36, 41, 81, 93, 124.
Sparrow, 19, 25, 31, 36, 41, 51, 81, 95.
Hen, Prairie, 51, 62.
Helodromas solitarius solitarius, 25, 91.
Heron, Black-crowned Night, 32, 51, 134.
Great Blue, 8, 13, 19, 25, 32, 41, 89, 120.
Green, 8, 12, 13, 19, 25, 32, 49, 134.
Hesperiphona vespertina vespertina, 60, 100.
Hirundo erythrogastra, 104.
Hummingbird, Ruby-throated, 23, 27, 34, 97.
Hylocichla aliciæ aliciæ, 111.
fuscescens fuscescens, 111, 122.
mustelina, 26.
guttata palasii, 40, 112, 122.
ustulata swainsoni, 112.

Icterus galbula, 27, 99.
spurius, 27.
Ictinia mississippiensis, 25.
Iridoprocne bicolor, 26.

Jay, Blue, 18, 21, 22, 23, 27, 38, 42, 80, 98.
Junco hyemalis hyemalis, 38, 102.
Junco, Slate-colored, 38, 41, 42, 52, 83, 102, 122, 133.

Killdeer, 12, 13, 25, 29, 31, 36, 41, 50, 92, 131.
Kite, Mississippi, 11, 22, 25.
Kingbird, 11, 17, 18, 22, 27, 33, 80, 97, 122, 124.
Kinglet, Golden-crowned, 31, 40, 42, 111, 123.
Ruby-crowned, 32, 40, 42, 111.
Knot, 89.
Kingfisher, Belted, 11, 19, 27, 31, 37, 41, 51, 80, 96.

Lanius borealis, 104.
ludovicianus ludovicianus, 39.
migrans, 26.
Lanivireo flavifrons, 26, 105.
solitarius solitarius, 105.
Lark, Horned, 81, 98.
Prairie Horned, 31, 37, 42.
Larus argentatus, 85.
delawarensis, 86.
philadelphia, 45.
Loon, 32, 40, 61, 85.
Red-throated, 130.
Longspur, Lapland, 81, 100.
Smith's, 52.
Lophodytes cucullatus, 40, 87.

Mallard, 9, 11, 25, 32, 35, 41, 87.
Marila affinis, 25, 88.
marila, 88, 125.
Martin, Purple, 11, 25, 32, 104.

(INDEX)

Meadowlark, 8, 27, 29, 31, 38, 42, 51, 53, 81, 99.
Western, 27.
Melanerpes erythrocephalus, 27, 37, 96.
Meleagris gallopavo sylvestris, 41.
Melospiza georgiana, 38, 103.
lincolnii lincolnii, 102.
melodia melodia, 27, 38, 102.
Merganser, American, 33, 80, 87, 130.
Hooded, 40, 87.
Red-breasted, 9, 11, 25, 87, 130.
Mergus americanus, 87, 130.
serrator, 25, 87.
Mimus polyglottos polyglottos, 26, 39, 48.
Mniotilta varia, 55, 105.
Mockingbird, 21, 23, 26, 35, 39, 41, 42, 48.
Molothrus ater ater, 27, 38, 99.
Myiarchus crinitus, 27, 97.
Myiochanes virens, 27, 97.
Nighthawk, 11, 22, 27, 34, 35, 37, 41, 97, 123.
Nannus hiemalis hiemalis, 40, 110.
Nettion carolinensis, 87.
Nuthatch, Brown-headed, 40, 42.
Red-breasted, 33, 111.
White-breasted, 18, 21, 26, 40, 42, 80, 110.
Nuttalornis borealis, 97, 122.
Nyctea nyctea, 44, 95.

Old-squaw, 88, 130.
Oporornis agilis, 109.
formosa, 26.
Otocoris alpestris alpestris, 81, 98.
praticola, 37.
Oriole, Baltimore, 18, 21, 22, 23, 27, 30, 33, 81, 99.
Orchard, 18, 22, 23, 27, 33.
Osprey, 32, 41, 61, 95, 130.
Otus asio asio, 36.
Oven-bird, 33, 108.
Owl, Barn, 43.
Barred, 51, 115.
Great Horned, 37, 41, 95.
Long-eared, 95.
Screech, 36, 41, 51.
Short-eared, 45, 50, 61, 95.
Snowy, 44, 95.
Oxyechus vociferus, 25, 36, 92, 131.

Pandion haliaetus carolinensis, 41, 95.
Passer domesticus, 103.
Passerculus sandwichensis savanna, 38, 100.
Passerella iliaca iliaca, 39, 103.
Passerina cyanea, 26, 104.
Penthestes atricapillus atricapillus, 111.
carolinensis carolinensis, 26, 40.
Petrochelidon lunifrons lunifrons, 26, 104.
Pewee, Wood, 16, 19, 21, 22, 23, 27, 34, 80, 97, 122, 123.
Phalacrocorax auritus auritus, 25, 45, 86.
Phalarope, Wilson's, 50.
Philohela minor, 35, 89, 134.
Phlœotomus pileatus pileatus, 41.
Phœbe, 11, 12, 16, 19, 22, 27, 31, 97, 123.
Pinicola enucleator leucura, 100.
Pintail, 88.
Pipilo erythrophthalmus erythrophthalmus, 26, 39, 103.
Pipit, 33, 39, 41, 42, 81, 109.
Piranga erythromelas, 26, 104.
Pisobia bairdii, 90.
maculata, 25.
minutilla, 90.
Planesticus migratorius migratorius, 26, 40, 112.
Plectrophenax nivalis nivalis, 100.
Plover, Black-bellied, 62, 81, 91.
Golden, 50, 62, 81, 92.
Piping, 80, 92.
Semipalmated, 62, 92.
Upland, 53.
Podylimbus podiceps, 25, 35, 85.
Polioptila cærulea cærulea, 26.
Poœcetes gramineus gramineus, 38, 100.
Porzana carolina, 89.
Progne subis subis, 26, 104.

(INDEX)

Protonotaria citrea, 26.

Querguedula discors, 25, 88.
Quiscalus quiscula æneus, 27, 99.

Rail, Carolina, 77.
King, 33, 46, 61.
Sora, 33, 89.
Virginia, 32, 76, 89, 120.
Yellow, 64.
Rallus elegans, 46, 50.
virginianus, 50, 89.
Red-head, 61, 88.
Redpoll, 52.
Red-wing, 50.
Redstart, 17, 18, 26, 33, 80, 83, 109, 123.
Regulus calendula calendula, 40, 111.
satrapa satrapa, 40, 111.
Riparia riparia, 26.
Robin, 8, 11, 12, 13, 18, 21, 23, 26, 29, 31, 40, 41, 42, 80, 112, 124.

Sanderling, 62, 90.
Sandpiper, Baird's, 90.
Bartramian, 32, 53.
Least, 62, 90.
Pectoral, 12, 13, 25, 32, 50, 61, 62.
Semipalmated, 12, 13, 25, 61, 90.
Solitary, 12, 13, 19, 25, 32, 91.
Red-backed, 50, 62.
Spotted, 12, 13, 19, 25, 32, 80, 91, 134.
Sapsucker, Yellow-bellied, 31, 37, 42, 96.
Sayornis phœbe, 27, 97.
Seiurus aurocapillus, 108.
noveboracensis notabilis, 108.
Setophaga ruticilla, 26, 109.
Shoveller, 61.
Shrike, Loggerhead, 42.
Migrant, 26, 32.
Northern, 39, 104.
Sialia sialis sialis, 26, 40, 112.
Siskin, Pine, 52.
Sitta canadensis, 111.
carolinensis carolinensis, 26, 40, 110.
pusilla, 40.
Snipe, Wilson's, 13, 25, 31, 50, 62, 89.
Snowflake, 100.
Sora, 50, 75, 120.
Sparrow, Chipping, 31, 35, 38, 42, 121, 122.
English, 3, 4, 18, 23, 27, 103, 129.
Field, 27, 31, 38, 41, 42, 80, 101.
Fox, 31, 39, 42, 52, 103.
Grasshopper, 30, 32.
Henslow's, 50, 53, 54, 64.
Lark, 5, 27, 32.
Leconte's, 53, 54.
Lincoln's, 52, 102.
Nelson's, 50.
Savanna, 33, 38, 42, 51, 100.
Song, 18, 27, 31, 38, 42, 51, 80, 102, 122, 124.
Swamp, 31, 38, 42, 50, 51, 80, 103, 120, 122.
Tree, 52, 101.
Vesper, 5, 27, 31, 38, 42, 51, 83, 100.
White-crowned, 33, 52, 101.
White-throated, 32, 35, 38, 42, 52, 101, 121.
Sphyrapicus varius varius, 37, 96.
Spiza americana, 26.
Spizella monticola monticola, 101.
passerina, 38.
pusilla pusilla, 27, 38, 101.
Squatarola squatarola, 91.
Steganopus tricolor, 50.
Sterna hirundo, 25, 45, 86.
Strix pratincola, 43.
nebulosa, 115.
varia, 115, 117.
Sturnella magna magna, 27, 38, 99.
neglecta, 27.
Swallow, Bank, 11, 18, 32, 50.
Barn, 32, 80, 104, 123.
Rough-winged, 32.
Tree, 11, 18, 26, 31, 123, 124.

Swift, Chimney, 11, 22, 27, 32, 80, 97, 123.
Syrnium varium, 114.

Tanager, Scarlet, 22, 26, 34, 81, 104.
Teal, Blue-winged, 11, 25, 61, 88.
Green-winged, 61, 87.
Tern, Black, 10, 11, 25, 33, 50, 61, 62.
Common, 10, 11, 25, 33, 45, 61, 80, 86.
Thrasher, Brown, 18, 21, 26, 32 40, 42, 110, 124.
Thryomanes ludovicianus, 26.
Thrush, Gray-cheeked, 30, 33 50, 111.
Hermit, 31, 40, 42, 112, 122.
Olive-backed, 33, 83, 112.
Wilson's, 33.
Wood, 18, 21, 23, 26, 33, 50 122.
Titmouse, Tufted, 18, 21, 26, 40, 42, 50.
Totanus melanoleucus, 90.
flavipes, 90.
totanus, 125.
Towhee, 21, 22, 26, 31, 35, 39, 42, 51, 103, 132.
Toxostoma rufum, 26, 40, 110.
Tringa canutus, 89.
Troglodytes aëdon aëdon, 110.
parkmani, 26.
Thryothorus ludovicianus ludovicianus, 40.
Thryomanes bewickii bewickii 40.
Turkey, Wild, 41.
Turnstone, Ruddy, 92.
Tyrannus tyrannus, 27, 97.

Veery, 111, 122.
Vermivora celata celata, 105.
chrysoptera, 105.
rubricapilla rubricapilla, 105, 123.
Vireo, Blue-headed, 30, 33, 105.
Red-eyed, 17, 18, 22, 26, 33, 80, 83, 104, 123.
Warbling, 17, 18, 21, 22, 23, 26, 33, 80, 104.
Yellow-throated, 17, 18, 21, 26, 33, 105.
Vireosylva gilva gilva, 104.
olivacea, 26.
Vulture, Black, 36, 41.
Turkey, 33, 36, 41.

Warbler, Bay-breasted, 30, 34 83, 106.
Black and White, 32, 55, 105, 123.
Blackburnian, 33, 83, 107, 121.
Black-poll, 34, 83, 107, 123.
Black-throated Blue, 30, 34, 83, 106, 123.
Black-throated Green, 32, 83 107.
Canadian, 34, 109, 121.
Cape May, 34, 105.
Cerulean, 33.
Chestnut-sided, 30, 33, 106, 121.
Connecticut, 34, 109, 131.
Golden-winged, 30, 33, 105.
Hooded, 17, 18, 26.
Kentucky, 17, 18, 26.
Magnolia, 30, 33, 83, 106, 121
Mourning, 34, 83.
Myrtle, 32, 35, 39, 42, 83, 106, 124.
Nashville, 33, 105, 120, 123, 124.
Northern Parula, 34, 105.
Orange-crowned, 105.
Palm, 30, 32, 83, 107, 121.
Pine, 38, 42, 81, 121.
Prairie, 108.
Prothonotary, 17, 18, 26, 49, 61.
Sycamore, 33.
Tennessee, 30, 33.
White-throated, 124.
Wilson's, 30, 34, 109.
Yellow, 32, 80, 106, 120.
Yellow Palm, 121, 124.
Water-Thrush, Grinnell's, 108.
Louisiana, 33.
Waxwing, Cedar, 29, 31, 35, 39, 80, 104, 123, 125.
Bohemian, 60.
Whippoorwill, 22, 27, 33, 50, 97.

(INDEX)

Wilsonia canadensis, 109.
pusilla, 109.
Woodcock, 32, 35, 41, 61, 62, 80, 89, 134.
Woodpecker, Downy, 22, 27, 42, 80, 96.
Hairy, 19, 22, 27, 42.
Northern Hairy, 80, 96.
Pileated, 41.
Red-bellied, 18, 22, 27, 37, 42.
Red-cockaded, 37, 42.
Red-headed, 10, 11, 18, 21, 22, 23, 27, 32, 37, 42, 96.
Southern Hairy, 37.
Wren, Bewick's, 40, 42.
Carolina, 18, 26, 40, 42.
House, 32, 110, 124, 128.
Long-billed Marsh, 32, 50.
Parkman's, 18, 23, 26.
Short-billed Marsh, 8, 26 50, 54, 110, 120.
Winter, 32, 110.

Yellow-legs, 90.
Greater, 32, 55, 62, 90.
Lesser, 32.
Yellow-throat, Maryland, 26.
Northern, 8, 17, 18, 21, 33, 49, 120.

Zamelodia ludoviciana, 26.
Zenaidura macroura carolinensis, 25, 36, 93.
Zonotrichia albicollis, 38, 101, 122.
leucophrys leucophrys, 101.